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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/805,044	03/19/2004	Hee Tae Jung	4240-104	9621
23448	7590	02/23/2009	EXAMINER	
INTELLECTUAL PROPERTY / TECHNOLOGY LAW			GROSS, CHRISTOPHER M	
PO BOX 14329			ART UNIT	PAPER NUMBER
RESEARCH TRIANGLE PARK, NC 27709			1639	
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02/23/2009		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**DETAILED ACTION**

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Applicant argues on p 9 of the remarks filed 1/28/2009 that the proposed claim amendments do not require a new search or consideration. The examiner respectfully disagrees. The proposed amendment, deleting "without the use of chemical anchors" from claim 7, for instance, does appear to address the rejections under USC 112 first and second paragraphs raised in the last office action. However, "without the use of a chemical anchor" also served to distinguish the claimed subject matter from the prior art.

Accordingly, applicant's proposed amendment appears to again read on one or more combinations of references of record and therein require additional search and consideration with regard to obviousness under 35 USC 103. Additionally, applicant's proposed amendments alters the scope of the claimed subject matter by limiting the top layer having exposed carboxyl groups, which has not yet been searched.

Furthermore, there is no reason why the proposed amendments were not presented earlier in prosecution. See 37 CFR 1.116 (b)(3).

In light of the fact that the proposed amendments, filed 1/28/2009, after final rejection will not be entered, Applicant's arguments filed 1/28/2009 (see p 10-11) are rendered moot.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRISTOPHER M. GROSS whose telephone number is (571)272-4446. The examiner can normally be reached on M-F 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Low can be reached on 571 272 0951. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Christopher M Gross  
Examiner  
Art Unit 1639

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/ Christopher S. F. Low /  
Supervisory Patent Examiner, Art Unit 1639